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No. : 27

Kelas : XI RPL 6

Tugas Migration

- Create table

```
c:\xampp\htdocs\perpustakaan>php artisan make:migration create_users_table
Created Migration: 2020_01_14_063531_create_users_table

c:\xampp\htdocs\perpustakaan>
c:\xampp\htdocs\perpustakaan>php artisan make:migration create_password_resets_table
Created Migration: 2020_01_14_063824_create_password_resets_table

c:\xampp\htdocs\perpustakaan>php artisan make:migration create_anggota_table
Created Migration: 2020_01_14_063933_create_anggota_table

c:\xampp\htdocs\perpustakaan>php artisan make:migration create_petugas_table
Created Migration: 2020_01_14_064000_create_petugas_table

c:\xampp\htdocs\perpustakaan>php artisan make:migration create_peminjaman_table
Created Migration: 2020_01_14_064028_create_peminjaman_table

c:\xampp\htdocs\perpustakaan>php artisan make:migration create_detail_peminjaman_table
Created Migration: 2020_01_14_064156_create_detail_peminjaman_table

c:\xampp\htdocs\perpustakaan>php artisan make:migration create_buku_table
Created Migration: 2020_01_14_064458_create_buku_table

c:\xampp\htdocs\perpustakaan>php artisan migrate
Migration table created successfully.
Migrating: 2020_01_14_063531_create_users_table
```

- Migrate

```
c:\xampp\htdocs\perpustakaan>php artisan migrate
Migration table created successfully.
Migrating: 2020_01_14_063531_create_users_table
Migrated: 2020_01_14_063531_create_users_table (0.31 seconds)
Migrating: 2020_01_14_063824_create_password_resets_table
Migrated: 2020_01_14_063824_create_password_resets_table (0.23 seconds)
Migrating: 2020_01_14_063933_create_anggota_table
Migrated: 2020_01_14_063933_create_anggota_table (0.23 seconds)
Migrating: 2020_01_14_064000_create_petugas_table
Migrated: 2020_01_14_064000_create_petugas_table (0.32 seconds)
Migrating: 2020_01_14_064028_create_peminjaman_table
Migrated: 2020_01_14_064028_create_peminjaman_table (0.16 seconds)
Migrating: 2020_01_14_064156_create_detail_peminjaman_table
Migrated: 2020_01_14_064156_create_detail_peminjaman_table (0.27 seconds)
Migrating: 2020_01_14_064458_create_buku_table
Migrated: 2020_01_14_064458_create_buku_table (0.25 seconds)
```

- Database

<input type="checkbox"/> anggota	★ Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	0 InnoDB utf8mb4_unicode_ci 16 KB -
<input type="checkbox"/> buku	★ Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	0 InnoDB utf8mb4_unicode_ci 16 KB -
<input type="checkbox"/> detail_peminjaman	★ Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	0 InnoDB utf8mb4_unicode_ci 16 KB -
<input type="checkbox"/> migrations	★ Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	7 InnoDB utf8mb4_unicode_ci 16 KB -
<input type="checkbox"/> password_resets	★ Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	0 InnoDB utf8mb4_unicode_ci 16 KB -
<input type="checkbox"/> peminjaman	★ Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	0 InnoDB utf8mb4_unicode_ci 16 KB -
<input type="checkbox"/> petugas	★ Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	0 InnoDB utf8mb4_unicode_ci 16 KB -
<input type="checkbox"/> users	★ Jelajahi Struktur Cari Tambahkan Kosongkan Hapus	0 InnoDB utf8mb4_unicode_ci 16 KB -
8 tabel	Jumlah	7 InnoDB latin1_swedish_ci 128 KB 0 B

- Codingan Tabel Users

```

database > migrations > 2020_01_14_063531_create_users_table.php
1  <?php
2
3  use Illuminate\Support\Facades\Schema;
4  use Illuminate\Database\Schema\Blueprint;
5  use Illuminate\Database\Migrations\Migration;
6
7  class CreateUsersTable extends Migration
8  {
9      /**
10       * Run the migrations.
11       *
12       * @return void
13       */
14     public function up()
15     {
16         Schema::create('users', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->string('name');
19             $table->string('email');
20             $table->timestamp('email_verified_at')->nullable();
21             $table->string('password');
22             $table->rememberToken();
23             $table->timestamps();
24         });
25     }
26
27     /**
28      * Reverse the migrations.
29      *
30      * @return void
31      */
32     public function down()
33     {
34         Schema::dropIfExists('users');
35     }
36 }

```

- Codingan Tabel Password Resets

```

database > migrations > 2020_01_14_063824_create_password_resets_table.php
1  <?php
2
3  use Illuminate\Support\Facades\Schema;
4  use Illuminate\Database\Schema\Blueprint;
5  use Illuminate\Database\Migrations\Migration;
6
7  class CreatePasswordResetsTable extends Migration
8  {
9      /**
10       * Run the migrations.
11       *
12       * @return void
13       */
14     public function up()
15     {
16         Schema::create('password_resets', function (Blueprint $table) {
17             $table->string('email');
18             $table->string('token');
19             $table->timestamp('created_at')->nullable();
20         });
21     }
22
23     /**
24      * Reverse the migrations.
25      *
26      * @return void
27      */
28     public function down()
29     {
30         Schema::dropIfExists('password_resets');
31     }
32 }

```

- Codingan Tabel Anggota

```

database > migrations > 2020_01_14_063933_create_anggota_table.php
1  <?php
2
3  use Illuminate\Support\Facades\Schema;
4  use Illuminate\Database\Schema\Blueprint;
5  use Illuminate\Database\Migrations\Migration;
6
7  class CreateAnggotaTable extends Migration
8  {
9      /**
10       * Run the migrations.
11       *
12       * @return void
13       */
14     public function up()
15     {
16         Schema::create('table_anggota', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->string('nama_anggota');
19             $table->string('alamat');
20             $table->string('telp');
21             $table->timestamps();
22         });
23     }
24
25     /**
26      * Reverse the migrations.
27      *
28      * @return void
29      */
30     public function down()
31     {
32         Schema::dropIfExists('table_anggota');
33     }
34 }

```

- Codingan Tabel Petugas

```

database > migrations > 2020_01_14_064000_create_petugas_table.php
1  <?php
2
3  use Illuminate\Support\Facades\Schema;
4  use Illuminate\Database\Schema\Blueprint;
5  use Illuminate\Database\Migrations\Migration;
6
7  class CreatePetugasTable extends Migration
8  {
9      /**
10       * Run the migrations.
11       *
12       * @return void
13       */
14     public function up()
15     {
16         Schema::create('table_petugas', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->string('nama_petugas');
19             $table->string('alamat');
20             $table->string('telp');
21             $table->string('username');
22             $table->string('password');
23             $table->timestamps();
24         });
25     }
26
27     /**
28      * Reverse the migrations.
29      *
30      * @return void
31      */
32     public function down()
33     {
34         Schema::dropIfExists('table_petugas');
35     }
36 }

```

- Codingan Tabel Peminjaman

```
database > migrations > 2020_01_14_064028_create_peminjaman_table.php
1  <?php
2
3  use Illuminate\Support\Facades\Schema;
4  use Illuminate\Database\Schema\Blueprint;
5  use Illuminate\Database\Migrations\Migration;
6
7  class CreatePeminjamanTable extends Migration
8  {
9      /**
10       * Run the migrations.
11       *
12       * @return void
13       */
14     public function up()
15     {
16         Schema::create('peminjaman', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->timestamps();
19         });
20     }
21
22     /**
23      * Reverse the migrations.
24      *
25      * @return void
26      */
27     public function down()
28     {
29         Schema::dropIfExists('peminjaman');
30     }
31 }
32
```

- Codigan Tabel Detail Peminjaman

```

database > migrations > 2020_01_14_064156_create_detail_peminjaman_table.php
1  <?php
2
3  use Illuminate\Support\Facades\Schema;
4  use Illuminate\Database\Schema\Blueprint;
5  use Illuminate\Database\Migrations\Migration;
6
7  class CreateDetailPeminjamanTable extends Migration
8  {
9      /**
10       * Run the migrations.
11       *
12       * @return void
13       */
14     public function up()
15     {
16         Schema::create('table_detail_peminjaman', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->Integer('id_pinjam');
19             $table->Integer('id_buku');
20             $table->Integer('qty');
21             $table->timestamps();
22         });
23     }
24
25     /**
26      * Reverse the migrations.
27      *
28      * @return void
29      */
30     public function down()
31     {
32         Schema::dropIfExists('table_detail_peminjaman');
33     }
34 }

```

- Codigan Tabel Buku

database > migrations > 2020_01_14_064458_create_buku_table.php

```
1  <?php
2
3  use Illuminate\Support\Facades\Schema;
4  use Illuminate\Database\Schema\Blueprint;
5  use Illuminate\Database\Migrations\Migration;
6
7  class CreateBukuTable extends Migration
8  {
9      /**
10       * Run the migrations.
11       *
12       * @return void
13       */
14     public function up()
15     {
16         Schema::create('table_buku', function (Blueprint $table) {
17             $table->bigIncrements('id');
18             $table->string('judul');
19             $table->string('pengerbit');
20             $table->string('pengarang');
21             $table->string('foto');
22             $table->timestamps();
23         });
24     }
25
26     /**
27      * Reverse the migrations.
28      *
29      * @return void
30      */
31     public function down()
32     {
33         Schema::dropIfExists('table_buku');
34     }
35 }
```